

CLAIMS

What is claimed is:

1. A fixed-address digital data access system, comprising:
 - a control module with a control sub-circuitry;
 - an access module with an electromagnetic-inductive sub-circuitry, said access module is electrically coupled with said control module for said control module to control said access module, and said access module has a plurality of micro-data access devices which are electrically coupled with said control module via said electromagnetic-inductive sub-circuitry and are specifically located in said access module ; and
 - a storage module with at least one electromagnetic-inductive medium, said at least one electromagnetic-inductive medium corresponds to said electromagnetic-inductive sub-circuitry of said access module with respect to the data access address for electromagnetic data access.
2. The fixed-address digital data access system according to claim 1, wherein said control module further comprises a connection interface electrically coupled with said control sub-circuitry.
3. The fixed-address digital data access system according to claim 1,

wherein said control module further comprises a transmission interface electrically coupled with said control sub-circuitry to enable said fixed-address digital data access system to communicate and exchange signals with an external electronic device.

4. The fixed-address digital data access system according to claim 1, wherein a conductive material is further used to make a part of said at least one electromagnetic-inductive medium to strengthen the electromagnetic effect.

5. The fixed-address digital data access system according to claim 1, wherein said at least one electromagnetic-inductive medium further comprises a plurality of digital data storage areas specifically located in said at least one electromagnetic-inductive medium for being corresponding to said plurality of micro-data access devices of said electromagnetic sub-circuitry with respect to data access address.

6. The fixed-address digital data access system according to claim 1, wherein said storage module is able to receive power from said fixed-address digital data access system.

7. The fixed-address digital data access system according to claim 6, wherein said storage module is electrically coupled with said control

module to receive power from said fixed-address digital data access system and to enable said control sub-circuitry to control a specific said micro-data access device and the corresponding at least one electromagnetic-inductive medium thereof.

8. A fixed-address digital data access system, comprising:

a control module with a control sub-circuitry, said control sub-circuitry has at least one data access address table for storing information about a plurality of data access addresses;

an access module with a plurality of electromagnetic-inductive areas and one electromagnetic-inductive sub-circuitry, said access module is electrically coupled with said control module for said control module to control said access module, and said electromagnetic-inductive sub-circuitry is electrically coupled with said plurality of electromagnetic-inductive areas wherein each of said plurality of electromagnetic-inductive areas has a plurality of micro-data access devices and said plurality of micro-data access devices are electrically coupled with said control module via said electromagnetic-inductive sub-circuitry and each of said plurality of micro-data access devices is set in said plurality of electromagnetic-inductive areas according to said at least one data access address table; and

a storage module with a plurality of electromagnetic-inductive

medium wherein said plurality of electromagnetic-inductive medium correspond to said plurality of electromagnetic-inductive areas with respect to the data access address for electromagnetic data access.

9. The fixed-address digital data access system according to claim 8, wherein said control module further comprises a connection interface electrically coupled with said control sub-circuitry and said access module respectively.

10. The fixed-address digital data access system according to claim 9, wherein said connection interface has a switch sub-circuitry for controlling said plurality of electromagnetic-inductive areas.

11. The fixed-address digital data access system according to claim 10, wherein said switch sub-circuitry has a plurality of data access address switches, each of said plurality of data access address switches corresponds to each item in said data access address table wherein said control sub-circuitry can control said plurality of data access address switches of said switch sub-circuitry according to said data access address table.

12. The fixed-address digital data access system according to claim 11, wherein said plurality of micro-data access devices are electrically

coupled with said plurality of data access address switches via said electromagnetic-inductive sub-circuitry.

13. The fixed-address digital data access system according to claim 8, wherein said control module further comprises a transmission interface electrically coupled with said control sub-circuitry for said fixed-address digital data access system to communicate and exchange signals with an external electronic device.

14. The fixed-address digital data access system according to claim 8, wherein a conductive material is further used to make a part of said plurality of electromagnetic-inductive media to strengthen the electromagnetic effect.

15. The fixed-address digital data access system according to claim 8, wherein each of said electromagnetic-inductive media has a plurality of digital data access areas, said plurality of digital data access areas are set in said plurality of electromagnetic-inductive media according to the items in said data access address table in order to be corresponding to said plurality of micro-data access devices in said plurality of electromagnetic areas.

16. The fixed-address digital data access system according to claim

8, wherein said storage module is able to receive power from said fixed-address digital data access system.

17. The fixed-address digital data access system according to claim 16, wherein said storage module is electrically coupled with said control module to receive power from said fixed-address digital data access system and to enable said control sub-circuitry to control said micro-data access devices located at specific address and the corresponding said at least one electromagnetic-inductive medium thereof at the same time.

18. A fixed-address digital data access system, comprising:

a control module with a control sub-circuitry wherein said control sub-circuitry has at least one data access address table for storing information about a plurality of data access addresses; and

an access module with at least one storage medium layer and an electromagnetic-inductive sub-circuitry, said access module is electrically coupled with said control module for said control module to control said access module, and said electromagnetic-inductive sub-circuitry has a plurality of electromagnetic-inductive circuitry with said at least storage medium layer therein.

19. The fixed-address digital data access system according to claim

18, wherein said control module further comprises a connection interface electrically coupled with said control sub-circuitry and said electromagnetic-inductive sub-circuitry respectively.

20. The fixed-address digital data access system according to claim 19, wherein said connection interface has a switch sub-circuitry for controlling said plurality of electromagnetic-inductive circuitry.

21. The fixed-address digital data access system according to claim 20, wherein said switch sub-circuitry has a plurality of data access address switches.

22. The fixed-address digital data access system according to claim 21, wherein said electromagnetic-inductive sub-circuitry is electrically coupled with said switch sub-circuitry for each of said data access address switches to be electrically coupled with each said electromagnetic-inductive circuitry according to said data access address table.

23. The fixed-address digital data access system according to claim 18, wherein said at least one storage medium layer further comprises a plurality of digital data access areas, said plurality of digital data access areas are set on said plurality of electromagnetic-inductive circuitry for

electromagnetic data access.

24. The fixed-address digital data access system according to claim 18, wherein a conductive material is further used to make a part of said at least one storage medium layer to strengthen the electromagnetic effect.